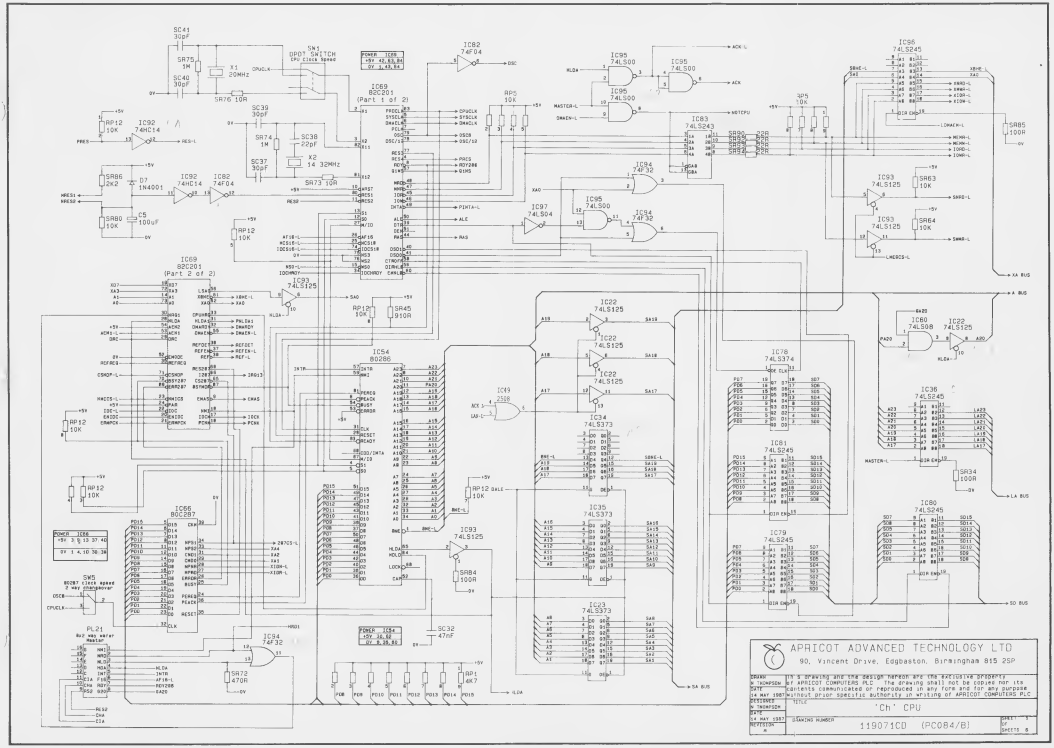
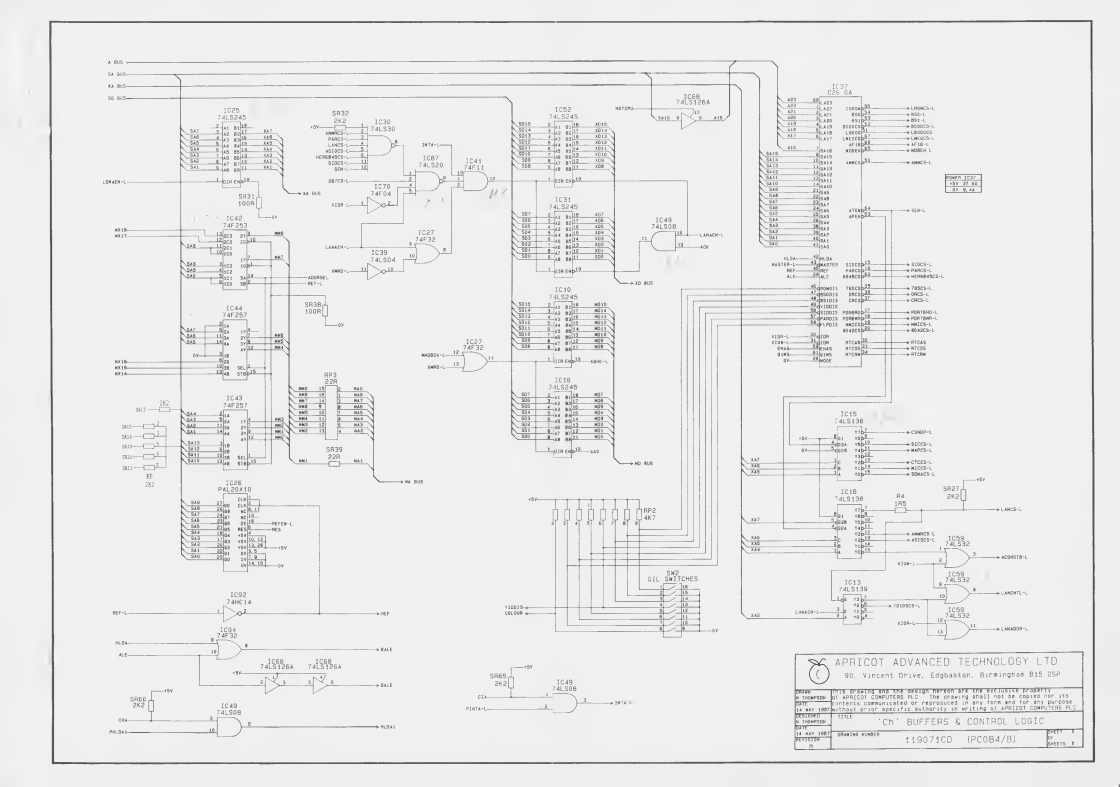

APRICOT ADVANCED TECHNOLOGY LTD
90, Vincent Drive, Edgbaston, Birmingham B15 2SP
'Ch' CPU
119071CD (PC084/B)
SHEET 1
OF
SHEETS 6



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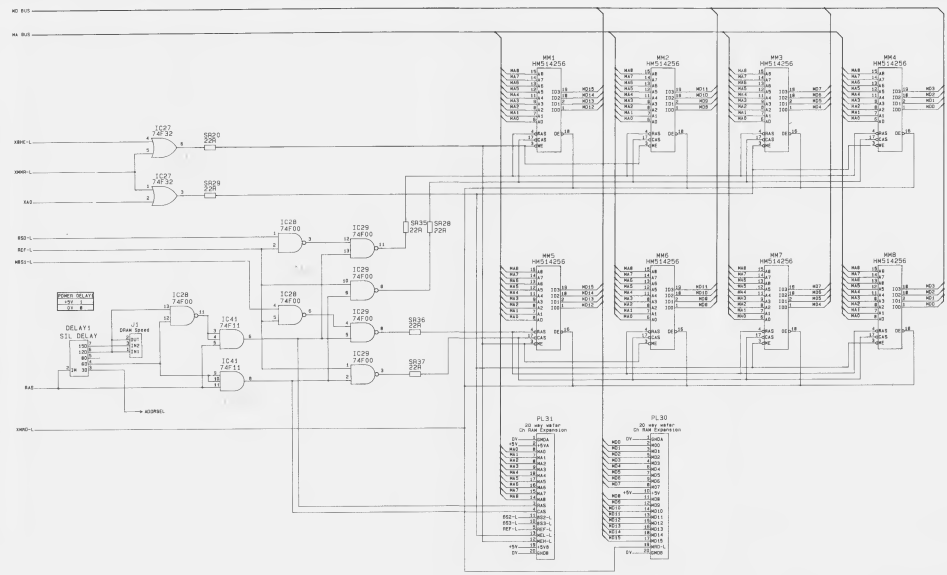

APRICOT ADVANCED TECHNOLOGY LTD
90, Vincent Drive, Edgbaston, Birmingham B15 2SP

DRAWN
N THOMSON
DATE
14 MAY 1987
DESIGNED
CHECKED
DATE
14 MAY 1987
REVISIONS
JH

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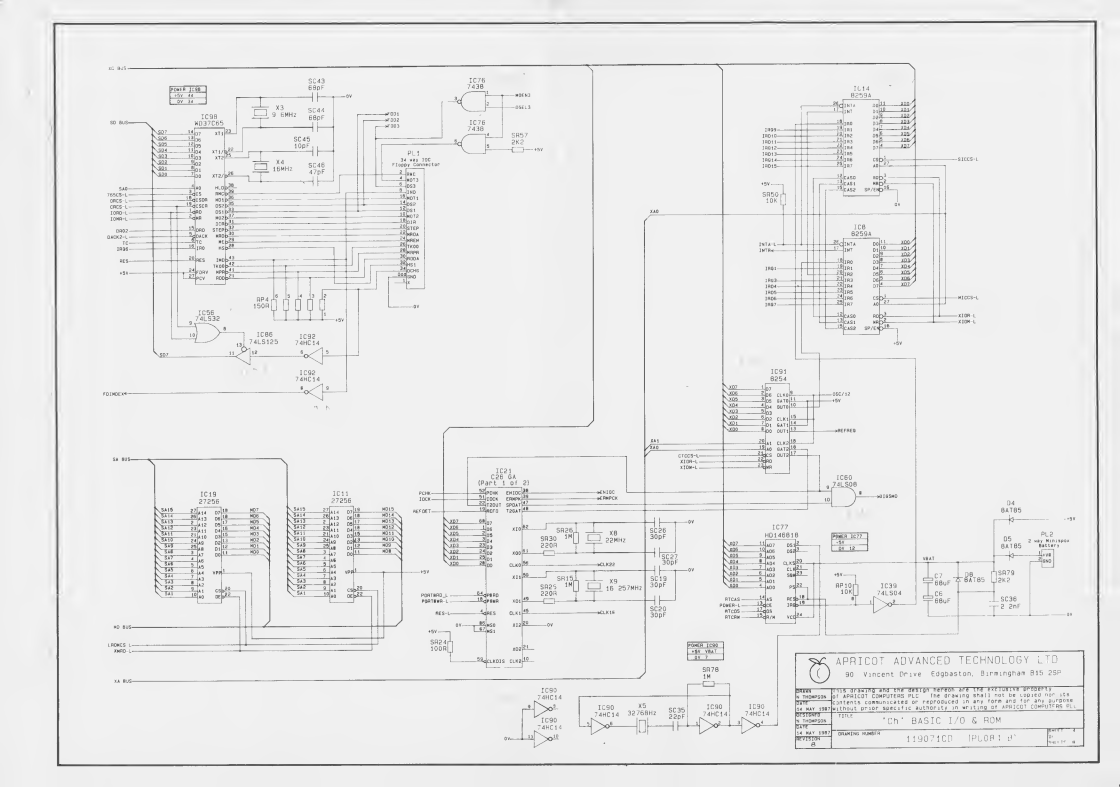
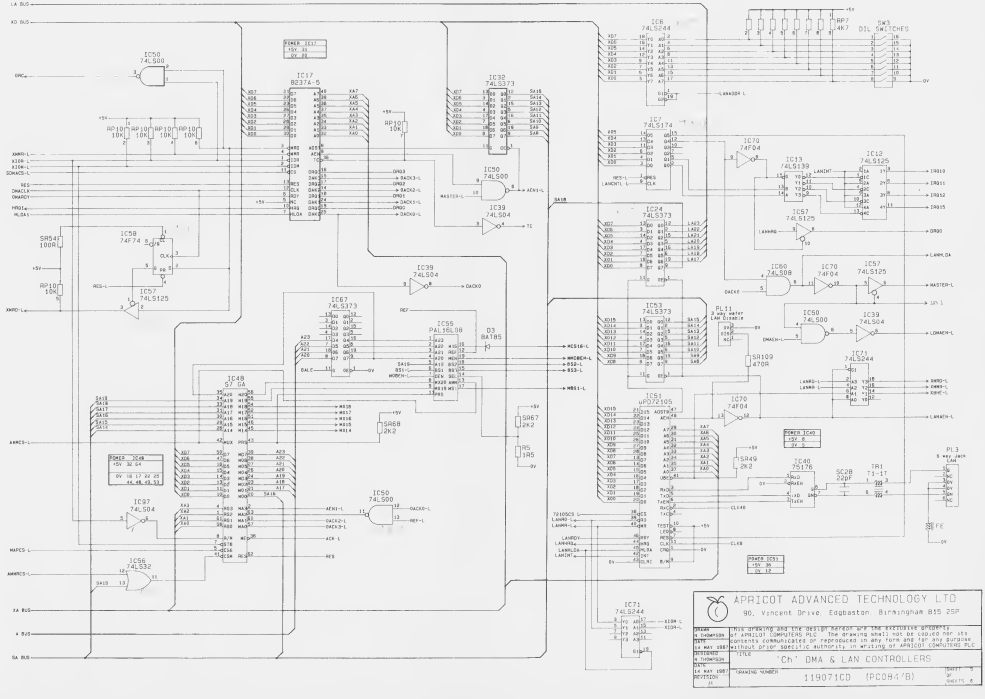
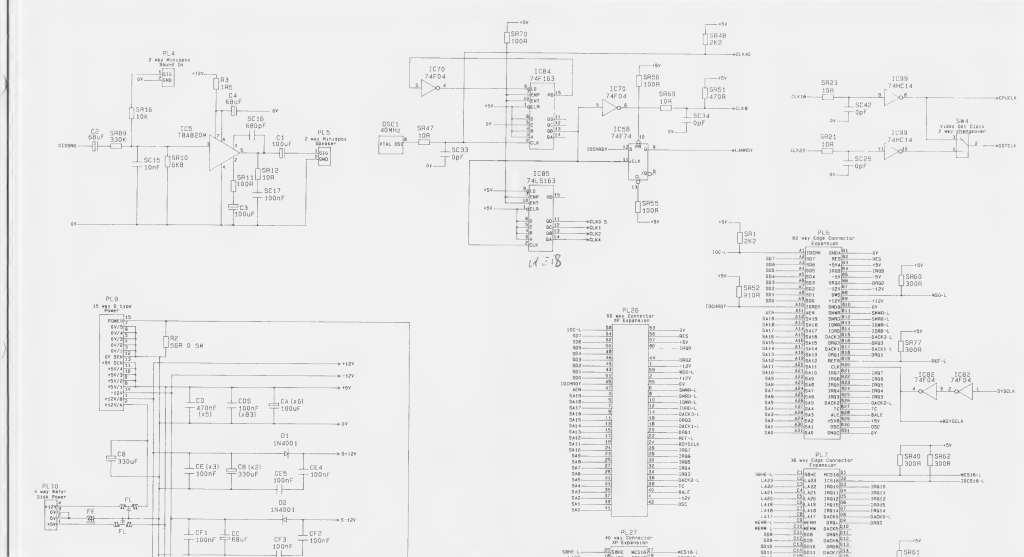
TITLE
'Ch' DRAM

DRAWING NUMBER
119071C0 (PC081/B)

SHEET 1
OF 1
ISSUE A


APRICOT ADVANCED TECHNOLOGY LTD
90 Vincent Drive Edgbaston, Birmingham B15 2SP
'CH' BASIC I/O & ROM
119071CD IPLOR1.P
IC98 W83C765
IC76 7438
IC14 8259A
IC8 8259A
IC91 8254
IC77 HD146818
IC39 74LS04
IC60 74LS08
IC19 27256
IC11 27256
IC91 C28 GA (Part 1 of 2)
IC56 74LS32
IC86 74LS125
IC92 74HC14
IC90 74HC14
X3 9.6MHz
X4 16MHz
X9 32.768Hz
IPL1 34 way IDC Floppy Connector
BP1 10K
BP2 150R
SW1 SW2 SW3
SK43 68pF
SK44 68pF
SK45 10pF
SK46 47pF
SR57 2K2
SR50 10K
SR26 1M
SR30 220R
SR25 1M
SR15 220R
SR24 100R
SR78 1M
SR79 2K2
SR36 2.2mF
C8 68pF
C7 68pF
C6 68pF
D4 BAT85
D5 BAT85
D6 BAT85
PK2 2 way Minimate Battery
K8 22MHz
K9 16.257MHz
SK26 30pF
SK27 30pF
SK19 30pF
SK20 30pF
SK35 22pF
SD BUS
SA BUS
XA BUS
HD BUS
LRONCS L
XWTC
SYSCLK
RESET
RES
+5V
0V
VBAT
POWER IC98 +5V 0V
POWER IC77 +5V 0V
POWER IC90 +5V 0V
IRQ3
IRQ4
IRQ5
IRQ6
IRQ7
IRQ8
IRQ9
IRQ10
IRQ11
IRQ12
IRQ13
IRQ14
IRQ15
SYSCS-L
KIOM-L
MIOCS-L
REFRED
SPKR
RTCAS
RTCDS
RTCRW
RTCIRQ
POWER-L
KBCS
KBDAT
KBCLK
KBRST
KBIRQ
PCPWR
PCRST
PCRST+
RES-L
CLK14
CLK8
CLK2
CLK1
CLK0
KBDIS
KBDIS
KBIRQ
KBRST
KBCLK
KBDAT
RTCIRQ
RTCRW
RTCDS
RTCAS
POWER-L
RTCRES
RTCCS
RTCAD
RTCWR
RTCRD


LA BUS
XD BUS
IC50 74LS00
IC17 8237A-5
IC32 74LS373
IC6 74LS244
RP2 4K7
SW3 DIL SWITCHES
IC7 74LS174
IC70 74F04
IC13 74LS139
IC12 74LS125
IC57 74LS125
IC24 74LS373
IC68 74LS08
IC70 74F04
IC57 74LS125
IC58 74F74
IC59 74LS125
IC39 74LS04
IC67 74LS373
IC55 PAL16L8B
IC53 74LS373
PL11 3 WAY WAFER LAN DISABLE
IC50 74LS00
IC39 74LS04
SW109 470R
IC71 74LS244
IC48 S7.0A
IC61 uPD7210
IC70 74F04
IC97 74LS04
IC50 74LS00
IC40 75176
SC28 22pF
TR1 1-10
PL3 5 WAY JAMP LAN
IC56 74LS32
IC71 74LS244
APRICOT ADVANCED TECHNOLOGY LTD
90, Vincent Drive, Edgbaston, Birmingham B15 2SP
'Ch' DMA & LAN CONTROLLERS
119071CD (PC0847/B)
XA BUS
X BUS
SA BUS



APRICOT ADVANCED TECHNOLOGY LTD
90 Vincent Drive, Edgbaston, Birmingham B15 2SP

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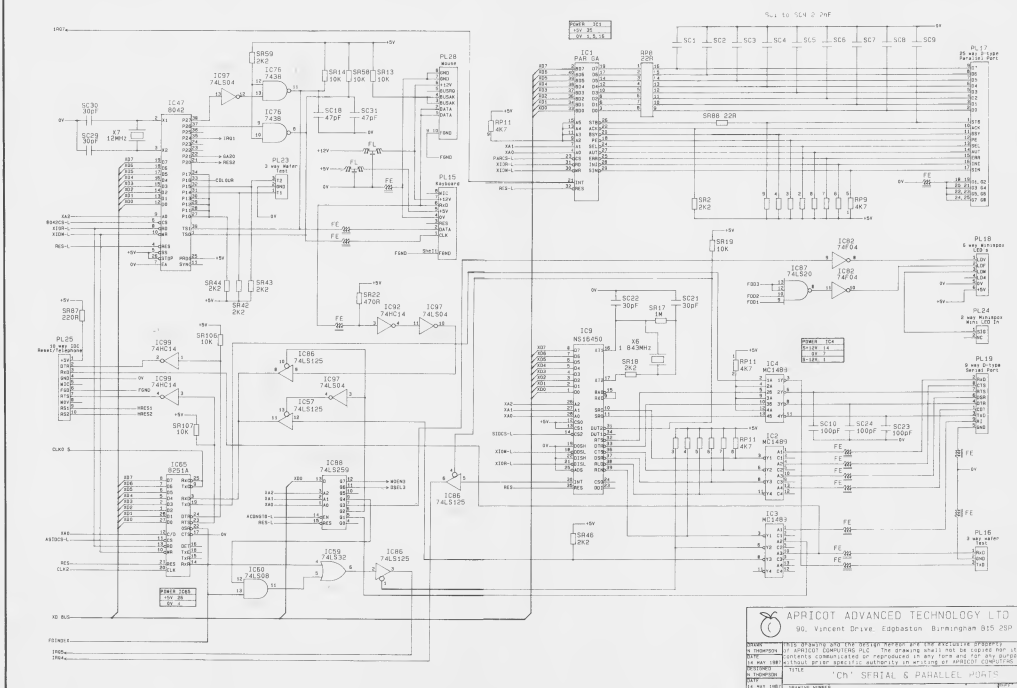
DESIGNED	TITLE		
K THOMSON	'CH' MISCELLANEOUS		
DRAWN			
K THOMSON			
27 MAY 1987	DRAWING NUMBER		SHEET 4
APPROVED	1190/1CB (PC084/B)		OF 8 SHEETS
M			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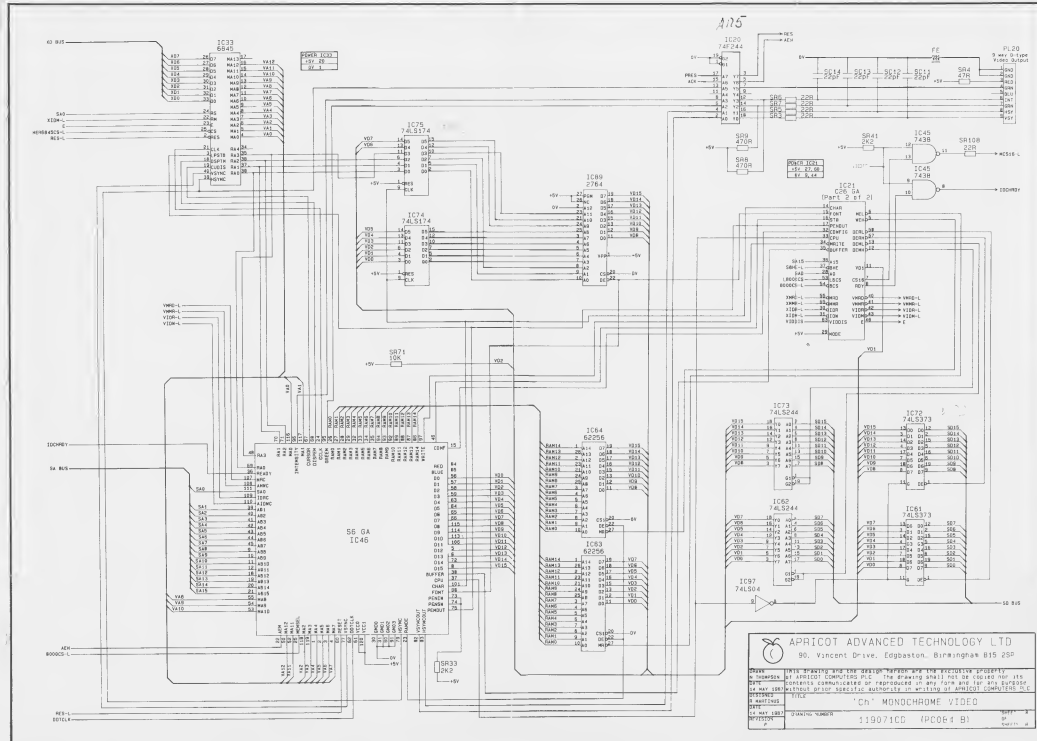
TITLE
'CH' SERIAL & PARALLEL PORTS
DRAWING NUMBER
1190/1CD (PC/84 B)
SHEET 6 OF 6
DRAWN M THOMPSON 1 MAY 1985
DESIGNED M THOMPSON 1 MAY 1985
CHECKED
DATE 1st MAY 1985
REVISIONS
by
SC1 to SC9 2.2nF
IC1 PAR GA
IC2 PAR GA
IC3 MC1489
IC4 MC1489
IC7 74LS20
IC8 74F04
IC9 NS16450
X6 1.843MHz
X7 12MHz
IC47 8042
IC97 74LS04
IC76 7438
IC98 74C14
IC99 74C14
IC86 74LS125
IC87 74LS125
IC88 74LS259
IC65 82S16
IC60 74LS08
IC59 74LS32
IC86 74LS125
IC92 74C14
IC97 74LS04
IC86 74LS125
IC57 74LS125
PL28 Mouse
PL15 Keyboard
PL25 25 way DIL Header/Plug
PL17 25 way D type Parallel Port
PL18 5 way Minidin
PL24 2 way Minidin Male DIN 5V
PL19 9 way D type Serial Port
PL16 3 way water tag
PL23 3 way water tag
SR59 2K2
SR14 10K
SR58 10K
SR13 10K
SR18 2K2
SR19 10K
SR44 2K2
SR43 2K2
SR42 2K2
SR46 2K2
SR87 220R
SR106 10K
SR107 10K
SR88 22R
SR2 2K2
SR9 4K7
SR11 4K7
SC30 30pF
SC29 30pF
SC18 47pF
SC31 47pF
SC22 30pF
SC21 30pF
SC17 1M
SC10 100pF
SC24 100pF
SC23 100pF
POWER IC1
+5V 3A
0V & 5.1V
POWER IC4
5v12V 1A
0V
9-12V 1
IRQ1
IRQ12
GA20
RESET
CLOCK
RES-L
XD BUS
PD BUS
+5V
0V
FGND


A15
IC33
6845
IC75
74LS174
IC74
74LS174
IC89
2764
IC64
62256
IC63
62256
IC20
74F244
IC73
74LS244
IC62
74LS244
IC72
74LS373
IC61
74LS373
IC21
GDP
(Part 2 of 2)
IC45
7438
IC97
74LS04
S71
10K
SR33
2K2
SR1
SR2
SR3
SR4
SR5
SR6
SR7
SR8
SR9
SR10
SR11
SR12
SR13
SR14
SR15
SR16
SR17
SR18
SR19
SR20
SR21
SR22
SR23
SR24
SR25
SR26
SR27
SR28
SR29
SR30
SR31
SR32
PL20
9 way D-type
Video Output
FF
S6 GA
IC46
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'CH' MONOCHROME VIDEO
119071CD (PCD64 B)